I CLAIM:

1. A composite non-powered luminous panel comprising:

a piece of light transmissive material; and

a layer of luminous material provided on one side of said piece of light transmissive material, said luminous material comprising a light transmissive resinous material containing a suspension of luminescent particles.

2. The non-powered composite luminous panel according to claim 1 further comprising a second piece of light transmissive material provided on other side of the layer of luminescent material.

3. The non-powered composite luminous panel according to claim 2 wherein the light transmissive material is selected from the group consisting of transparent or translucent glass and plastic.

4. The non-powered composite luminous panel according to claim 3 wherein the resinous material comprises a clear polyester or styrene resin.

5. The non-powered composite luminous panel according to claim 4 further comprising indicia printed on said luminous panel.

6. The non-powered composite luminous panel according to claim 1 wherein the luminous particles are comprised of $MO \cdot a(Al_{1-b}B_b)_2O_3:cR$ wherein:

$0.5 \leq a \leq 10.0$,

$0.0001 \leq b \leq 0.5$ and

$0.01 \leq c \leq 0.2$,

MO represents at least one divalent metal oxide selected from the group consisting of MgO, CaO, SrO and ZnO and R represents Eu and at least one additional rare earth element selected from the group consisting of Pt, Nd, Dy and Tm.

7. The non-powered composite luminous panel according to claim 1 wherein the luminescent particles are comprised of a sinter expressed by a general formula $MO \cdot (n-x)\{a\ Al_2O_3^{\alpha} \div (1-a)Al_2O_3^{\gamma}\}B_2O_3:R$ wherein M represents an alkaline earth metal, R represents a rare earth element, $0.5 < a \leq 0.99$, $0.001 \leq x \leq 0.35$, $1 \leq n \leq 8$ and a part of M may be replaced with at least one alkaline earth metal selected from the group consisting of Mg, Ca and Ba.

8. The non-powered composite luminous panel according to claim 1 wherein the luminous particles comprise a luminescent material which absorbs light from a light source and reemits the light energy in a first wavelength spectrum when the light source is removed mixed with a material selected from the group consisting of fluorescent colorants and optical brighteners which are excited by absorbing light at a first wavelength spectrum and reemitting the absorbed light at a second wavelength spectrum.

9. The non-powered composite luminous panel according to claim 2 wherein a partial or half silvered layer is provided on the exterior surface of adhesive light transmissive material and the second piece of light transmissive material.

10. The non-powered composite luminous panel according to claim 2 wherein a top surface of the second piece of light transmissive material is provided with a completely mirrored surface.

11. The non-powered composite luminous panel according to claim 2 wherein a bottom surface of the second piece of light transmissive material is provided with a completely mirrored surface.